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Typed or Printed Name	Susan M. Alessi	Date	RECEIVED APR 08 2003
Signature	<i>Susan Alessi</i>	Date	March 21, 2003 APR 08 2003
INFORMATION DISCLOSURE STATEMENT		Attorney Docket	RIGL-004CON4
		First Named Inventor	NOLAN, GARRY E.
		Application Number	09/919,635
		Filing Date	July 31, 2001
		Group Art Unit	1639
		Examiner Name	WESSENDORF, TERESA D.
		Title: "METHODS FOR SCREENING FOR TRANSDOMINANT INTRACELLULAR EFFECTOR PEPTIDES AND RNA MOLECULES"	

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or *after* the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

- All of the references identified herein are being submitted prior to the final determination on patentability by the Office.
- All of the references identified herein were cited in an International (PCT) Search Report dated *, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.
- All of the references identified herein were disclosed in parent application Serial No. 09/727,715 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d), except if noted below.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

04/07/2003 ZJUHAR1 00000022 500815 09919635

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X Please charge the \$180.00 fee required by 37 C.F.R. §1.97(c) and set forth in 37 C.F.R. 1.17(p) and any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to credit any overpayment, to Deposit Account No. 50-0815, order number RIGL-004CON4.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: March 21, 2003

By: Pamela J. Sherwood
Pamela J. Sherwood
Registration No. 36,677

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231



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1639

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/919,635
		Filing Date	July 31, 2001
		First Named Inventor	NOLAN, GARRY P.
		Group Art Unit	1639
		Examiner Name	WESSENDORF, TERESA D.
Total Number of Pages in This Submission	8	Attorney Docket Number	RIGL-004CON4

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Signing Attorney/Agent (Reg. No.)	PAMELA J. SHERWOOD, 36,677 BOZICEVIC, FIELD & FRANCIS LLP	
Signature		
Date	March 21, 2003	

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 180)

Complete if Known

Application Number	09/919,635	RECEIVED
Filing Date	July 31, 2001	APR 08 2003
First Named Inventor	NOLAN, GARRY P.	TECH CENTER 1600 2900
Examiner Name	WESSENDORF, TERESA D.	
Art Unit	1639	
Attorney Docket No.	RIGL-004CON4	

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order Other None Deposit Account:

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Deposit Account Name Bozicevic, Field & Francis LLP

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FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	x	=	Fee from Extra Claims below	Fee Paid
Indep. Claims	-3** =	x	=		
Multiple Dependent			=		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$		

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge – late filing fee or oath	
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examination action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive – unavoidable	
1453 1,300	2453 650	Petition to revive – unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1406 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180)**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,677	Telephone	(650) 327-3400
Signature	Pamela J. Sherwood			Date	03/21/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/919,635
		Filing Date	July 31, 2001
		First Named Inventor	NOLAN, GARRY P.
		Art Unit	1639
		Examiner Name	WESSENDORF, TERESA D.
Sheet	1	of	3
		Attorney Docket Number	
		RIGL-004CON4	

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		4,618,578		10-1986	Burke <i>et al.</i>	
		5,650,489		07-1997	Lam <i>et al.</i>	
		5,698,396		12-1997	Pfrentschuh <i>et al.</i>	
		5,747,334		05-1998	Kay <i>et al.</i>	
		5,763,192		06-1998	Kauffman <i>et al.</i>	
		5,770,434		06-1998	Huse	
		5,814,476		09-1998	Kauffman <i>et al.</i>	
		5,817,483		10-1998	Kauffman <i>et al.</i>	
		5,824,514		10-1998	Kauffman <i>et al.</i>	
		5,840,479		11-1998	Little <i>et al.</i>	
		5,935,823		08-1999	Fowlkes <i>et al.</i>	
		5,955,275		09-1999	Kamb <i>et al.</i>	
		6,153,380		11-2000	Nolan <i>et al.</i>	
		6,194,544		02-2001	Huffman <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Complete if Known	
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				First Named Inventor	NOLAN, GARRY P.
				Art Unit	1639
				Examiner Name	WESSENDORF, TERESA D.
Sheet	2	of	3	Attorney Docket Number	RIGL-004CON4

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		ATCC catalog Internet printout regarding Cell Line HB-101 (2001)	
		CWIRLA, S. et al., "Peptides on Phage: A vast library of peptides for identifying ligands" PROC. NATL. ACAD. SCI. USA, Vol. 87, August 1990, pp. 6378-6382.	
		DUBE et al., "Selection of new biologically active molecules from random nucleotide sequences." Gene Vol. 137, Aug 1993, pp. 41-47.	
		DUENAS, M. et al., "Clonal Selection and Amplification of Phage Displayed Antibodies by Linking Antigen Recognition and Phage and Phage Replication", BIO/TECHNOLOGY, Vol. 12, Oct. 1994, pp. 999-1002.	
		FURKA, A. et al., "General method for rapid synthesis of multi-component peptide mixtures", INT. J. PEPTIDE PROTEIN RES., 37, 1991 pp. 487-493.	
		GISSEL, B. et al., "Identification of Avidin and Streptavidin Binding Motifs Among Peptides Selected from a Synthetic Peptide Library Consisting solely of D-Amino Acids", JOURNAL OF PEPTIDE SCIENCE, Vol. 1, 1995, pp. 217-226.	
		HOUGHTEN, R. et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery" NATURE, Vol. 354, 7 Nov. 1991, pp. 84-86.	
		KARTTUNEN et al., Detection of rare antigen-presenting cells by the lacZ T-cell activation assay suggests an expression cloning strategy for T-cell antigens. PROC. NATL. ACAD. SCI. USA, Vol. 89, 1992, pp. 6020-6024.	
		KAUFFMAN, S. et al., "The NK Model of Rugged Fitness Landscapes And Its Application to Maturation of the Immune Response" J. THEOR. BIOL., Vol. 141(2), 1989, pp. 211-245.	
		KAUFFMAN, S. et al., "Toward a General Theory of Adaptive Walks on Rugged Landscapes", J. THEOR. BIOL. Vol 128(1), 1987, pp. 11-45.	
		LAM, K. et al., "A new type of synthetic peptide library for identifying ligand-binding activity", NATURE Vol. 354, 7 Nov. 1991, pp. 82-84.	
		LONG, E. et al., "Invariant Chain Prevents the HLA-DR Restricted Presentation of a Cytosolic Peptide", THE JOURNAL OF IMMUNOLOGY, 153, 1994, pp. 1487-1494.	
		LUND, A. et al., "Increased cloning efficiency by temperature cycle ligation", NUCLEIC ACIDS RESEARCH, Vol. 24, No. 4, 1996, pp 800-801.	

Examiner Signature	Date Considered
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				Filing Date	July 31, 2001
				First Named Inventor	NOLAN, GARRY P.
				Art Unit	1639
				Examiner Name	WESSENDORF, TERESA D.
Sheet	3	of	3	Attorney Docket Number	RIGL-004CON4
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>					
MALNATI, M. et al., "Processing pathways for presentation of cytosolic antigen to MHC class II-restricted T cells", NATURE Vol. 357, 25 June 1992, pp. 702-704.					
MILLER, A.D. et al., "Improved Retroviral Vectors for Gene Transfer and Expression", BioTechniques, Vol. 7, No. 9, 1989, pp. 980-990.					
MURPHY, A. et al., "p ₁ zd39: A new type of cDNA expression vector for low background, high efficiency directional cloning", NUCLEIC ACIDS RESEARCH, Vol. 19, No. 12, (1991), pp. 3403-3408.					
ROITT et al., "Kurzes Lehrbuch der Immunologie, 2. Auflage, p. 86, (1991)					
ROMPP et al., "Bd. 5 P1-S-1995, Georg Thieme Verlag Stuttgart, p. 3543 (in German)					
SCHUMACHER, T et al., "Synthetic peptide libraries in the determination of T cell epitopes and peptide binding specificity of class I molecules", EUR. J. IMMUNOL. (Germany), Vol. 22 (6), June 1992, pp. 1405-12.					
SCOTT, J., "Discovering peptide ligands using epitope libraries", TIBS 17, (1992), pp. 241-245.					
SEED, B. et al., "Molecular cloning of the CD2 antigen, the T-cell erythrocyte receptor, by a rapid immunoselection procedure", PROC. NATL. ACAD. SCI. USA, Vol. 84, May 1987, pp. 3365-3369.					
STRYER et al., "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 53-57 (in German)(published in America in Stryer, (1998), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 50-55					
STRYER et al., "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 124-126 (in German)(published in America in Stryer, (1998), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 120-123					
STRYER et al., "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 807-808 (in German)(published in America in Stryer, (1988), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 773-775					

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